

Message Text

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PAGE 01 BRUSSE 12767 300251Z
ACTION NRC-07

INFO OCT-01 EUR-12 ISO-00 OES-07 ACDA-12 DOE-15 SOE-02
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C O N F I D E N T I A L BRUSSELS 12767

USEEC

E.O. 11652: N/A
TAGS: ENRG, TECH, NL, EEC
SUBJECT: PHYSICAL SECURITY MEASURES AT THE PETTEN NUCLEAR
- FACILITY

REF: STATE 115477

1. WE HAVE RECEIVED RESPONSES TO QUESTIONS (B) AND (D) OF
REFTTEL FROM THE EC COMMISSION. RESPONSES TO QUESTIONS (A)
AND (C) WILL BE PROVIDED TO MISSION BY DUTCH PERMREP IN
THE NEXT WEEK OR TWO.

2. RESPONSE TO QUESTION (B):

A. "INNER/VITAL" AREA WAS ESTABLISHED AND MADE OPERATIONAL
IN 1976.

B. A PLAN WAS FINALIZED IN JUNE 1977 TO EXPAND THE PHYSI-
CAL SECURITY MEASURES TO INCLUDE THE PETTEN SITE IN ACCORD-
ANCE WITH INFCIRC 225/REV 1.

C. EXECUTION OF A SECURITY SURVEY AS LAID DOWN IN ARTICLE
5.2.21 OF INFCIRC 225/REV 1 BY NUCLEAR SECURITY SPECIALISTS
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FROM THE WACKENHUT CORPORATION HEADQUARTERS LOCATED IN
CORAL GABLES, FLORIDA (US). THIS SURVEY RESULTED IN A
DECLARATION BY THE WACKENHUT CORPORATION THAT THE PHYSICAL
SECURITY MEASURES PLANNED FOR THE PROTECTION OF SPECIAL
NUCLEAR MATERIAL AT THE COMMISSION'S FACILITY IN PETTEN
WILL MEET OR EXCEED THE STANDARDS OUTLINED IN THE IAEA
GUIDELINES FOR THE PROTECTION OF NUCLEAR MATERIALS.

D. IMMEDIATELY AFTER THE ABOVE-MENTIONED WACKENHUT STATEMENT DATED 18 MAY 1978, THE IMPLEMENTATION AND CONSTRUCTION PHASE STARTED. THE ENTIRE SYSTEM WILL BE IN OPERATION BY MARCH 1979. IN THIS RESPECT ATTENTION IS DRAWN TO THE FACT THAT THERE IS A DELAY OF AT LEAST 10 MONTHS TO ONE YEAR BETWEEN THE GRANTING OF AN EXPORT LICENSE BY THE U.S. AUTHORITIES AND THE ARRIVAL OF THE SPECIAL MATERIAL AT THE PETTEN FACILITY CAUSED BY CONVERSION AND FUEL ELEMENT MANUFACTURING TIME. AS A CONSEQUENCE, LICENSING IN JUNE 1978 WOULD RESULT IN ARRIVAL AT THE PETTEN FACILITY AFTER COMPLETION OF THE ENTIRE PHYSICAL PROTECTION SYSTEM.

3. RESPONSE TO QUESTION (D):

A. UNIRRADIATED HIGHLY ENRICHED URANIUM (HEU): 10-20 KG, 93 PERCENT ENRICHED.

B. IRRADIATED HEU: 5-50 KG, 75 PERCENT ENRICHED. THE WIDE SPREAD (5-50) REFLECTS THE FACT THAT THIS FUEL IS PERIODICALLY SHIPPED OFF-SITE FOR REPROCESSING, SO THE AMOUNT ON HAND AT ANY GIVEN TIME WILL VARY.

C. THE UNIRRADIATED MATERIAL IS IN THE FORM OF FABRICATED FUEL ASSEMBLIES. HINTON

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Message Attributes

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